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THE LENOVO® THINKSERVER® TS130

POWERFUL, RELIABLE AND UNMATCHED VALUE

ADVANCED MANAGEABILITY FEATURES WITH OPTIONAL AMT 7.0 AND REMOTE KVM*

COMES STANDARD WITH REMOTE MANAGEABILITY TOOLS

LEGENDARY THINK QUALITY, ENERGY EFFICIENT, WHISPER-QUIET PERFORMANCE

XEON PERFORMANCE, ENTERPRISE-CLASS HARD DRIVES, BUILT-IN RAID, AND ECC MEMORY

HIGHLY AFFORDABLE, ENTERPRISE-TOUGH QUALITY DESIGNED FOR 24X7 OPERATIONS

UP TO 30% PERFORMANCE GAINS WITH THE LATEST E3-1200 XEON TECHNOLOGY AND TURBO BOOST 2.0

The ThinkServer® TS130 combines the latest Intel® Xeon performance, legendary Think quality and exclusive AMT® 7.0 manageability tools to deliver a powerful, manageable and highly affordable server solution for Managed Service Providers (MSPs), branch offices and small businesses.

Designed for 24x7 operations and loaded with true server-class features, the TS130 offers an attractive solution to small businesses. Its improved manageability tools eliminate the need for costly on-site IT staff. In addition, these built-in tools make it easier for MSPs to remotely and cost-effectively manage end-user environments.

An expansive options and services portfolio make it easy to customize the perfect TS130 for your needs. TS130 offers feature-rich performance in an Energy Star-qualified, whisper-quiet compact tower chassis – perfect for retail or front office applications.

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POWERFUL, STABLE, AND SECURE

The ThinkServer® TS130 is a powerful, feature-rich yet affordable server, perfect for retail, branch office or front office use.

- **Lower operating costs** thanks to energy efficient performance and new lower-power Xeon processors. TS130 provides easy remote manageability, with onboard tools to remotely power on/off your servers.
- **Highly affordable,** yet enterprise-tough. TS130 pays you back with reliable, feature-rich server computing at a desktop price.
- **Maximize uptime** with true server-class features like ECC memory, enterprise-class hard drives, & built-in RAID.
- **Increase productivity** via improved Xeon performance with Turbo Boost 2.0 and powerful HD graphics performance.

INDUSTRY-LEADING GREEN ATTRIBUTES

The ThinkServer® TS130 delivers true server-class reliability, whisper-quiet performance and legendary Think quality and innovation.

- **Think heritage:** Successor to the best-selling TS200v, the innovative TS130 is perfect for 24x7 operations requiring peak dependability and server-class quality.
- **Enterprise-tough features** like ECC memory, built-in RAID and latest Xeon performance – great for small businesses that need to transition from a desktop to a true server.
- **No costly racks** or closets needed. Cool, compact and quiet, you can deploy the TS130 nearly anywhere in your business.

POWERFUL INTEL® AMT® MANAGEABILITY

The ThinkServer TS130 provides a rich experience with ease of installation and management.

- **Remote management with Intel® AMT™** (select models) provides out-of-band remote access and management, independent of the status of the managed server.
- **Broad MSP ecosystem support** on leading platforms like N-Able, Kaseya and Level Platforms.
- **Easy to use** with an intuitive, secure web console for "point-&-click" management. No installation required – works right out of the box.
- **Whisper-quiet performance,** great for retail, branch office or front-office use.

CUSTOMER SCENARIOS

I] The Server Solution for Managed Service Providers (MSPs)

The ThinkServer® TS130 combines high performance Xeon technology and legendary Think quality in a highly manageable single-socket server solution. Certified with popular MSP Managed Service Console ecosystem vendors like Level Platforms, Kaseya, and N-able, you can bet your business on ThinkServer TS130. With true server-class durability, RAID 0/1 support, and out-of-band management, the feature-rich TS130 offers an attractive solution to MSPs. Plus, the newest AMT 7.0 manageability toolsuite offers improved KVM features and new host provisioning tools allow MSPs to remotely and cost-effectively manage end- user environments.

TS130 servers are easy for MSPs to set up and manage, built to perform 24x7, They are highly configurable with a rich suite of Options and ROK kits. Plus, TS130 servers are readily available in channel inventory and are packaged in convenient TopSeller Configurations.

II] The Server Solution for Small and Medium Businesses

The TS130 delivers true server-class reliability with latest Xeon performance, enterprise-class hard drives, RAID 0/1 support and ECC memory. For businesses moving up from a desktop to a first server, the TS130 provides a highly affordable yet powerful enterprise-tough server with energy efficient features to lower your operating costs. Designed for 24x7 performance and robust data integrity, TS130 lets you concentrate on growing your business – not managing IT. Renowned Think quality provides peace of mind.

III] The Server Solution for Corporate Branch Offices

TS130 features legendary Think quality with powerful remote manageability tools with AMT 7.0 for easy, efficient server maintenance. TS130 is perfect for branch offices or remote deployments with little or no IT staff. The TS130 can be easily monitored and managed from the headquarters offices. Whisper-quiet yet powerful, there is no need for a costly datacenter or rack closet – you can deploy the TS130 nearly anywhere in your business.

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OPTIONS AND ACCESSORIES

Lenovo RDX Internal USB Drives

Lenovo's RDX internal USB backup solution offers 20x data reduction with cutting-edge data de-duplication backup software.

P/N	
67Y1394	160GB Internal USB RDX Bundle
67Y1396	320GB Internal USB RDX Bundle
67Y1398	500GB Internal USB RDX Bundle
67Y1395	160GB RDX Data Cartridge
67Y1397	320GB RDX Data Cartridge
67Y1399	500GB RDX Data Cartridge

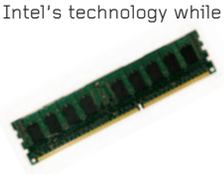
Enterprise-class Hard Drives

High performance, high capacity yet low cost. Expand your ThinkServer TS130 with up to 4TB of storage.

P/N	
67Y2612	ThinkServer 250GB 7.2K 3.5" Enterprise SATA Hard Drive
67Y2613	ThinkServer 500GB 7.2K 3.5" Enterprise SATA Hard Drive
67Y2614	ThinkServer 1TB 7.2K 3.5" Enterprise SATA Hard Drive
67Y2615	ThinkServer 2TB 7.2K 3.5" Enterprise SATA Hard Drive

ThinkServer DDR3 ECC Memory

High performance ThinkServer ECC memory takes full advantage of Intel's technology while delivering true server-class 99.94% reliability.



P/N	
67Y2606	ThinkServer 2GB DDR -1333MHz (1Rx8 ECC UDIMM)
67Y2607	ThinkServer 4GB DDR3 -1333MHz (2RX8 ECC UDIMM)

Lenovo Pro/1000 PT Dual Port Ethernet Card by Intel

Lenovo's Gigabit Ethernet adapter allows your server to gain additional two ports with a single PCIe slot.

P/N	
67Y1393	ThinkServer PRO/1000 PT Dual Port Ethernet Card

Microsoft Software Options choices

Complete your ThinkServer solution with tested, proven server OS solutions from Microsoft.
Microsoft Windows Small Business Server 2011 to be available June 2011.

Software Options - ROK Kits	P/N
Microsoft Windows Server 2008 R2 Enterprise Edition. Includes 25 CALs Multilanguage Eng/Fr/Ger/Ita/Spa	84978PE
Microsoft Windows Server 2008 R2 Enterprise Edition. Includes 25 CALs Multilanguage Eng/Jap	84978PA
Microsoft Windows Server 2008 R2 Enterprise Edition. Includes 25 CALs English	84978LE
Microsoft Windows Server 2008 R2 Enterprise Edition. Includes 25 CALs German	84978LG
Microsoft Windows Server 2008 R2 Standard Edition. Includes 5 CALs Multilanguage Eng/Fr/Ger/Ita/Spa	84978OE

Software Options - ROK Kits	P/N
Microsoft Windows Server 2008 R2 Standard Edition 5. IncludesCALs Multilanguage Eng/Jap	84978OA
Microsoft Windows Server 2008 R2 Standard Edition 5. Includes CALs English	84978KE
Microsoft Windows Server 2008 R2 Standard Edition 5. IncludesCALs German	84978KG
Windows Server® 2008 R2 Foundation Edition. Includes 15 CALs Multilanguage Eng/Fr/Ger/Ita/Spa	84978HA
Windows Server® 2008 R2 Foundation Edition. Includes 15 CALs Multilanguage Eng/Jap	84978HE

ThinkServer Services and Warranty Upgrades

Lenovo Services let you get the most out of your ThinkServer – no matter how you use it. Whether you have a thousand client seats or just one, Lenovo delivers the quality, reliability and peace of mind to get you and keep you up and running, no matter where you are, no matter when you need.

Training classes

› The basics on components, diagnostics, troubleshooting, and managing Lenovo servers, delivered in interactive online format

Online Training, Understanding Lenovo Servers ------- 40Y9105

Online Training, Understanding Systems Management -40Y9717

Installation, ThinkServer Hardware Only ----------40Y9107

ThinkPlus service upgrade options

› LOR = Lenovo Onsite Repair

TS130 with 1-year warranty

3-year LOR 9x5 Next Business Day ---------- 40Y9080

5-year LOR 9x5 Next Business Day ---------- 80Y5734

TS130 with 3-year warranty

5-year LOR 9x5 Next Business Day ---------- 80Y5742

ThinkPlus Priority Support

› 9x5 Next Business Day response Lenovo Onsite Repair

› 24x7 support with priority routing and advanced level technicians

TS130 with 3-year warranty

3-year Priority Support ---------- 40Y9085

ThinkPlus Priority Support with Hard Disk Drive Retention

› 9x5 Next Business Day response Lenovo Onsite Repair

› 24x7 support with priority routing and advanced level technicians

› Hard Disk Drive Retention (HDDR) means customer keeps disk

TS130 with 3-year warranty

3-year Priority Support with HDDR ---------- 40Y9683

ThinkPlus Productivity

› Priority Support

› Online Training, Understanding Lenovo Servers

› One-time hardware installation

3-year ThinkPlus Productivity, TS130 (3-year) ------- 40Y9111

Optional 4-hour service response available via special bid in select regions. Contact your Lenovo sales representative for details.

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SPECIFICATIONS

SOFTWARE	PROCESSOR	CHIPSET
Windows Server 2008 R2 (Enterprise, Foundations, Standard Edition) Windows Small Business Server 2011 (Essentials, Standard, Premium Add-On)	E3-1200 series with integrated graphics, Core i3 Series, Pentium, and Celeron CPU's	Intel® C206 Series TPM 1.2 encryption
FORM FACTOR	**MEMORY**	**ETHERNET**
4U / 25 L Tower can be rack mounted via shelf (sold separately)	Up to 16GB @ 4x 4GB ECC UDIMMs 4 memory DIMM slots	Integrated Gigabit Ethernet port (shared with AMT)
STORAGE	**DIMENSIONS**	**WEIGHT**
2x 3.5" HDD Bays – up to 4.0TB internal SATA storage RAID 0/1 support with 2nd HDD installed	174.8mm (W) x 425.2mm (H) x 430.8mm (D)	Max 11.2kg
I/O SLOTS	**I/O PORTS**	**STORAGE CONTROLLERS**
1 x PCIe x16 2nd generation 1 x PCIe x1 2nd generation 2 x 5V 32-bit/33 MHz PCI	USB 2.0 ports – 6 rear, 2 front, 1 internal (2x5 pin header for optional RDX tape) Serial port (one rear) Video (one rear) Display port (one rear) Audio (3-in-1 rear)	Onboard PCH Controller w/: 2x 6Gb/s SATA III ports 2x 3Gb/s SATA II ports Integrated SATA SW RAID 0/1
MEDIA DRIVES	**MANAGEMENT**	**POWER**
Up to two 5.25" half-height external bays Optional RDX internal USB backup	Intel Advanced Management Technology (AMT) 7.0 with remote KVM (Xeon processors only), Intel Standard Manageability (Pentium and Core i3 processor choices)	280W 85% (80Plus Bronze certification)

MORE ENERGY EFFICIENT

New, more powerful Xeon technology with Turbo Boost 2.0 delivers Hyper-Threading performance when you need it – and dynamically adjusts core utilization for power-sipping efficiency.

Features ENERGY STAR® Server 1.0 models. Estimated energy cost savings of hundreds of dollars per year**

Features over 50% recycled plastics, with over half of that coming from post-consumer content.

Climate Savers-certified, with an high efficiency 85% power supply.

MORE TOOLS FOR MSPs

Certified ecosystem support and seamless integration with leading MSP console applications like N-able, Kaseya and Level Platforms.

Cost-effective and powerful KVM remote manageability tools via AMT 7.0. Improved KVM now with compatible with quad core processors!

AMT 7.0 offers two deployment modes to service admin clients (such as a kiosk) or actively used clients (such as notebooks or desktops)

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Notes: *AMT 7.0 available on select models. **Compared to older generation single socket tower servers. ThinkServer models shown include optional Lenovo RDX Internal USB backup (sold separately).

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